temperature sufficient to generate coagulation at the coagulation depth when the laser source is in a coagulation mode, wherein the laser source comprises two or more lasers, each for generating laser pulses to provide the series of laser pulses and sufficient to generate ablation when the laser source is in an ablation mode.

2. (Twice Amended) The medical laser delivery apparatus as claimed in claim 1 wherein the series of laser pulses are focussed to the target tissue through an articulated arm feature.

3. (Twice Amended) The medical laser delivery apparatus as claimed in claim 2 wherein the articulated arm feature comprises one or more refocussing optics for refocussing the laser pulses as they travel through the articulated arm feature.

4. (Twice Amended) The medical laser delivery apparatus as claimed in claim 3 wherein the laser delivery system further comprises a scanning handpiece at an end of the articulated arm feature for guiding the series of one or more non-ablative laser pulses to the area of tissue being treated.

11. (Four Times Amended) A medical laser comprising:

a. a laser source having two or more pulsed lasers for generating pulses of laser light, wherein the pulses of laser light are combined in an alternating fashion for generating a laser output having a predetermined absorption, wherein the predetermined absorption forms a predetermined coagulation depth; and

b. a laser control system coupled to the laser source for controlling the laser source to deliver the laser output to a target area.

17. (Four Times Amended) A medical laser delivery apparatus for treating an area of tissue comprising:

a. a laser source having a first laser and a second laser each of which generate laser pulses having a wavelength, the laser source being configured to alternate between laser pulses of the first laser and the second laser to form a single laser output by a combining apparatus for generating a series of laser pulses each having a strength and a duration;

b. a laser delivery system coupled to the laser source for delivering the laser pulses from the laser source to the area of tissue being treated; and

c. a control system coupled to the laser source for controlling generation of the laser pulses from the laser source, wherein the laser source operates in both an ablation mode and a coagulation mode such that when in the ablation mode, the strength and duration of the laser pulses are sufficient to ablate tissue at the area of tissue being treated to a controllable ablation depth and when in the coagulation mode, the strength and duration of the laser pulses are sufficient to generate a coagulation region having a controllable coagulation depth within the tissue remaining at the area of tissue being treated without ablating any tissue.

23. (Four Times Amended) The medical laser delivery apparatus as claimed in claim 22, wherein the first and second lasers are erbium lasers.

41. (Amended) A dual mode medical laser system, for sequentially ablating and coagulating a region of target tissue with ablation laser pulses followed by coagulation laser pulses [to the region of target tissue], the dual mode medical laser system comprising:

a. a laser source comprising a first laser and a second laser for generating a first set of laser pulses and a second set laser pulses;

b. means to alternate between pulses of the first set of laser pulses and the second set of laser pulses to provide a single laser output; and

c. means to direct the single laser output to the region of the target tissue.